

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

To:

OKABE INTERNATIONAL PATENT OFFICE
Attn. Shinichi USUI
No. 602 Fuji Bldg. 2-3,
Marunouchi 3-chome Chiyoda-ku
Tokyo 100-0005
JAPAN



(PCT Rule 44.1)

Date of mailing
(day/month/year)

19/07/2004

Applicant's or agent's file reference

CFO17731WO

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/JP 03/15072

International filing date
(day/month/year)

26/11/2003

Applicant

CANON KABUSHIKI KAISHA

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Véronique Baillou

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CF017731WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/JP 03/15072	International filing date (day/month/year) 26/11/2003	(Earliest) Priority Date (day/month/year) 27/11/2002
Applicant CANON KABUSHIKI KAISHA		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☒ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP 03/15072

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9,31-45

A method comprising a specific region obtained by forming a film in which a "specific region" and an "region continuous to a periphery of the specific region and different in thickness from the specific region" co-exist.

2. claims: 1,5-45

A method comprising a specific region obtained by irradiating a film with an electromagnetic wave or particles having a mass in mutually different conditions in a specific region and in a peripheral region.

3. claims: 46-48

A method for producing a crystalline film characterized by the step of melting-resolidification of a film

INTERNATIONAL SEARCH REPORT

Intern. Application No

PCT/JP 03/15072

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/20 C30B13/00 C30B29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WILT VAN DER P CH ET AL: "GRAIN LOCATION CONTROL IN EXCIMER-LASER CRYSTALLIZATION OF THIN SILICON FILMS." PHYSICA STATUS SOLIDI (A). APPLIED RESEARCH, BERLIN, DE, vol. 166, no. 2, April 1998 (1998-04), pages 619-627, XP000933738 ISSN: 0031-8965 2. Experimental and Results -----	1-9, 31-45
X	WO 89/04550 A (KOPIN CORP) 18 May 1989 (1989-05-18) page 8, line 14 - page 12, line 10; figures 2-5 ----- -/-	1-9, 31-45

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

6 July 2004

Date of mailing of the international search report

11.9.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kiliaan, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/15072

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 670 088 A (TSAUR BOR-YEU ET AL) 2 June 1987 (1987-06-02) column 5, line 43 - column 6, line 42; claims 1-17; figures 2A-2D -----	1-9, 31-45
A	HATANO M ET AL: "In situ and ex situ diagnostics on melting and resolidification dynamics of amorphous and polycrystalline silicon thin films during excimer laser annealing" JOURNAL OF NON-CRYSTALLINE SOLIDS, NORTH-HOLLAND PUBLISHING COMPANY, AMSTERDAM, NL, vol. 266-269, May 2000 (2000-05), pages 654-658, XP004198583 ISSN: 0022-3093 the whole document -----	1-9, 31-45
X,P	EP 1 262 578 A (CANON KK) 4 December 2002 (2002-12-04) examples 5-12 -----	1,5-45
X	PATENT ABSTRACTS OF JAPAN vol. 0172, no. 53 (E-1367), 19 May 1993 (1993-05-19) & JP 4 373171 A (CANON INC), 25 December 1992 (1992-12-25) abstract -----	1,5-45
X	HIDEYA KUMOMI ET AL: "MANIPULATION OF NUCLEATION SITES IN SOLID-STATE SI CRYSTALLIZATION" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 59, no. 27, 30 December 1991 (1991-12-30), pages 3565-3567, XP000257094 ISSN: 0003-6951 page 3565, left-hand column, line 33 - page 3566, left-hand column, line 20 -----	1,5-45
X	EP 0 472 970 A (CANON KK) 4 March 1992 (1992-03-04) examples 1-3 -----	1,5-45
X	PATENT ABSTRACTS OF JAPAN vol. 0164, no. 99 (E-1280), 15 October 1992 (1992-10-15) & JP 4 184918 A (CANON INC), 1 July 1992 (1992-07-01) abstract -----	1,5-45
	-/--	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/15072

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 338 342 A (LG PHILIPS LCD CO LTD ; LG LCD INC (KR)) 15 December 1999 (1999-12-15) claims 1-21 -----	1,5-45
X	PATENT ABSTRACTS OF JAPAN vol. 0080, no. 52 (C-213), 9 March 1984 (1984-03-09) & JP 58 208197 A (TOKYO SHIBAURA DENKI KK), 3 December 1983 (1983-12-03) abstract -----	1,5-45
X	US 5 496 768 A (KUDO TOSHIO) 5 March 1996 (1996-03-05) claims 1-17 -----	1,5-45
X	KURIYAMA H ET AL: "COMPREHENSIVE STUDY OF LATERAL GRAIN GROWTH IN POLY-SI FILMS BY EXCIMER LASER ANNEALING AND ITS APPLICATION TO THIN FILM TRANSISTORS" JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS. TOKYO, JP, vol. 33, no. 10, PART 1, 1 October 1994 (1994-10-01), pages 5657-5662, XP000596958 ISSN: 0021-4922 page 5657, right-hand column, last line - page 5658, left-hand column, line 32 -----	1,5-45
X	US 4 564 403 A (SAWADA AKASHI ET AL) 14 January 1986 (1986-01-14) claims 1-8 -----	46-48

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/15072

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8904550	A	18-05-1989	US 4885052 A AU 2808789 A CA 1337168 C WO 8904550 A2 US 5021119 A US 5453153 A	05-12-1989 01-06-1989 03-10-1995 18-05-1989 04-06-1991 26-09-1995
US 4670088	A	02-06-1987	DE 3279842 D1 EP 0087426 A1 JP 2049276 B JP 58500609 T WO 8203639 A1	31-08-1989 07-09-1983 29-10-1990 21-04-1983 28-10-1982
EP 1262578	A	04-12-2002	JP 2003059834 A CN 1390986 A EP 1262578 A1 US 2003003766 A1	28-02-2003 15-01-2003 04-12-2002 02-01-2003
JP 4373171	A	25-12-1992	NONE	
EP 0472970	A	04-03-1992	JP 4092413 A CA 2048517 A1 DE 69120745 D1 DE 69120745 T2 EP 0472970 A2 US 5318661 A	25-03-1992 09-02-1992 14-08-1996 23-01-1997 04-03-1992 07-06-1994
JP 4184918	A	01-07-1992	NONE	
GB 2338342	A	15-12-1999	KR 2000001170 A KR 2000001171 A US 6326286 B1	15-01-2000 15-01-2000 04-12-2001
JP 58208197	A	03-12-1983	NONE	
US 5496768	A	05-03-1996	JP 8078330 A	22-03-1996
US 4564403	A	14-01-1986	DE 3502778 A1 GB 2153252 A ,B JP 60180113 A NL 8500233 A	08-08-1985 21-08-1985 13-09-1985 16-08-1985

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL SEARCHING AUTHORITY

To:

OKABE, Masao
No. 602, Fuji Bldg.
2-3, Marunuchi 3-chome
Chiyoda-ku, Tokyo 100-0005
JAPAN



INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

Applicant's or agent's file reference CFO17731WO	Date of mailing (day/month/year) 08/04/2004
International application No. PCT/JP 03/15072	International filing date (day/month/year) 26/11/2003
Applicant CANON KABUSHIKI KAISHA	

1. This International Searching Authority

- (i) considers that there are 3 (number of) inventions claimed in the international application covered by the claims indicated ~~XXXX~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~XXXX~~ on the extra sheet:

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:
1-9, 31 - 45

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby invited, within the time limit indicated above, to pay the amount indicated below:

EUR 945,00 x 2 = EUR 1.890,00
Fee per additional invention number of additional inventions total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority
 European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Véronique Baillou

EINSCHREIBEN

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-9,31-45

A method comprising a specific region obtained by forming a film in which a "specific region" and an "region continuous to a periphery of the specific region and different in thickness from the specific region" co-exist.

2. Claims: 1,5-45

A method comprising a specific region obtained by irradiating a film with an electromagnetic wave or particles having a mass in mutually different conditions in a specific region and in a peripheral region.

3. Claims: 46-48

A method for producing a crystalline film characterized by the step of melting-resolidification of a film

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- 1-9, 31-45**
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WILT VAN DER P CH ET AL: "GRAIN LOCATION CONTROL IN EXCIMER-LASER CRYSTALLIZATION OF THIN SILICON FILMS" PHYSICA STATUS SOLIDI (A). APPLIED RESEARCH, BERLIN, DE, vol. 166, no. 2, April 1998 (1998-04), pages 619-627, XP000933738 ISSN: 0031-8965 2. Experimental and Results ---	1-9, 31-45
X	W0 89 04550 A (KOPIN CORP) 18 May 1989 (1989-05-18) page 8, line 14 -page 12, line 10; figures 2-5 ---	1-9, 31-45
X	US 4 670 088 A (TSAUR BOR-YEU ET AL) 2 June 1987 (1987-06-02) column 5, line 43 -column 6, line 42; claims 1-17; figures 2A-2D --- -/--	1-9, 31-45

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Annex Form PCT/ISA/206
 COMMUNICATION RELATING TO THE RESULTS
 OF THE PARTIAL INTERNATIONAL SEARCH

International Application No
 PCT/JP 03/15072

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>HATANO M ET AL: "In situ and ex situ diagnostics on melting and resolidification dynamics of amorphous and polycrystalline silicon thin films during excimer laser annealing" JOURNAL OF NON-CRYSTALLINE SOLIDS, NORTH-HOLLAND PUBLISHING COMPANY, AMSTERDAM, NL, vol. 266-269, May 2000 (2000-05), pages 654-658, XP004198583 ISSN: 0022-3093 the whole document</p> <p align="center">-----</p>	<p>1-9, 31-45</p>

Patent Family Annex

Information on patent family members

International Application No
PCT/JP 03/15072

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 8904550	A	18-05-1989	US	4885052 A	05-12-1989
			AU	2808789 A	01-06-1989
			CA	1337168 C	03-10-1995
			WO	8904550 A2	18-05-1989
			US	5021119 A	04-06-1991
			US	5453153 A	26-09-1995

US 4670088	A	02-06-1987	DE	3279842 D1	31-08-1989
			EP	0087426 A1	07-09-1983
			JP	2049276 B	29-10-1990
			JP	58500609 T	21-04-1983
			WO	8203639 A1	28-10-1982
